



Principal Plant Operator

Department: Utilities

Class Code: 3214

EEO Code: 28

FLSA: N

Effective: 01/12/1997

GENERAL STATEMENT OF DUTIES:

Under direction; performs work of moderate difficulty operating and maintaining a Water Treatment facility or Wastewater Treatment facility; and performs other work as required.

SPECIFIC STATEMENT OF DUTIES:

Water Treatment Facility: Collects water samples; performs analytical tests; determines degree and type of treatment necessary for water; records operational data; collects plant bacteriological samples; labels and replaces charts; monitors computer and controls tank levels and line pressure; operates manual and hydraulic valves; mixes and applies reagents to analytical instruments; adjusts various chemical feed rates as necessary to maintain proper treatment.

Wastewater Treatment Facility: Inspects, operates and/or adjusts pretreatment to primary treatment tanks and activated sludge process; operates flotation thickeners; inspects and adjusts operation of secondary clarifier; inspects and maintains steady flow of effluent through chlorine contact tank; checks non-potable pumps; inspects chlorinators and methane gas re-circulating equipment; adjusts diffused air system and re-circulating pumps, plant sanitary drain pumps and chlorine feed system; engages and disengages one ton chlorine and sulfur dioxide cylinders; records manometer readings.

Common Duties: Handles emergency calls after regular business hours ; may dispatch repair crew; aids maintenance crews in major repairs; performs general building and grounds maintenance; records plant performance and equipment operation on daily log sheet; may supervise, direct and train personnel; and performs other work as required.

REQUIRED SKILLS, KNOWLEDGE AND ABILITIES:

High school diploma or equivalent with four years experience in wastewater or water treatment operations; or an equivalent combination of training and experience.

MINIMUM EDUCATION AND EXPERIENCE:

High school diploma or equivalent with four years experience in wastewater or water treatment operations; or an equivalent combination of training and experience.

ADDITIONAL REQUIREMENTS:

Completion of Virginia Polytechnic Institute & State University Operators Training School or acceptable equivalent. Possession of a valid Class I Water or Wastewater Operator's certificate issued by the Commonwealth of Virginia. Commercial Drivers License may be

This class specification is not intended to describe and does not necessarily list the essential job functions for a given position in a classification.